The Canadian String Quartet will perform in the Royal Conservatory of Music Concert Hall for the third time on Thursday, March 15, at 8.15 p.m. Members of the staff, students and the public are invited to attend. From left to right are: Albert Pratz, Violin; David Mankovitz, Viola; George Ricci, Cello; and Bernard Robbins, Violin.

MARCH 1962

STAFF bulletin

UNIVERSITY OF TORONTO

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UNIVERSITY COLLEGE

Department of English

THE ALEXANDER LECTURES
1961–1962

"PARADISE LOST"

by

HELEN GARDNER, C.B.E.
St. Hilda's College, Oxford

Monday, March 12	**"Paradise Lost Today"**
Tuesday, March 13	**"The Universe of Paradise Lost"**
Wednesday, March 14	**"The Cosmic Theme"**
Thursday, March 15	**"The Human Theme"**

Hart House Theatre, at 4.30 p.m.

COMING EVENTS

1 THURSDAY

Lectures

Royal Ontario Museum Series on "Evolutionary Palaeontology". "Origin of Reptiles". Mr. A. G. Edmund. Room 64, ROM. 4.30 p.m.

Royal Ontario Museum Jubilee Science Lecture Series. "The Development of the Pacific Ocean". Prof. H. W. Menard, Professor of Geology, University of California, La Jolla. Museum Theatre, 8.30 p.m.

Toronto Graduate School of Theological Studies Public Lectures on "The Relationship between Faith and Knowledge". "The Time of Armed Truce". Bishop Stephen Neill, Visiting Lecturer, and Professor Elect of Missions and Ecumenical Theology, University of Hamburg. Sheraton Hall, Wycliffe College. 8 p.m.

Theatre

"Tis Pity She's a Whore" by John Ford. Presented by Hart House Theatre, under the direction of Robert Gill. Feb. 24 to March 3 inc. 8.30 p.m.

2 FRIDAY

Meeting	Royal Astronomical Society of Canada—Toronto Centre. "Highlights of the Southern Sky". Prof. L. H. Allen, University of Michigan. Room 1035, Wallberg Building, 8 p.m.
Athletics	Senior Hockey Playoff. McMaster at Varsity. Arena. 8 p.m.

3 SATURDAY

Lecture	Royal Canadian Institute. "In Search of Arabia's Past". Prof. F. V. Winnett. Convocation Hall. 8.15 p.m.
Athletics	Senior Basketball. Waterloo University at Varsity. Hart House. 8.30 p.m.

4 SUNDAY

Music	Hart House Sunday Evening Concert by the Hart House Glee Club. 9 p.m.

5 MONDAY

Colloquium	Department of Mathematics. "Hydrodynamical Stability—Physical Aspects".—C. C. Lin, Massachusetts Institute of Technology. Room 8, U.C. 4 p.m.

6 TUESDAY

Colloquium	Department of Mathematics. "Hydrodynamical Stability—Mathematical Aspects". C. C. Lin. Room 8, U.C. 4 p.m.
Meeting	Academy of Medicine. "Some Aspects of Thromboembolism". Dr. H. Rocke Robertson, Surgeon-in-Chief, Montreal General Hospital, and Professor of Surgery, McGill University. Osler Hall. 8.30 p.m. Dinner at University Club. 6.30 p.m.

7 WEDNESDAY

Music	Hart House Five O'Clock Concert. Nick Pawley, Guitar, and Barbara Collier, Vocalist.

8 THURSDAY

Lectures	Royal Ontario Museum Series on "Evolutionary Palaeontology". "Origin of Birds". Dr. W. E. Swinton. Room 64, ROM. 4.30 p.m.
	Royal Ontario Museum Jubilee Science Lecture Series. "Volcanoes". Dr. Howel Williams, Professor of Geology, University of California, Berkeley. Museum Theatre, 8.30 p.m.
	Toronto Graduate School of Theological Studies Public Lectures on "The Relationship between Faith and Knowledge". "From Cold War to Co-operation". Bishop Stephen Neill. Sheraton Hall, Wycliffe College. 8 p.m.

9 FRIDAY

Theatre	Two Programs of Shakespearean Comedy presented by the Stratford Shakespearean Festival in association with the University and the Canada Council. Hart House Theatre, 4.30 and 8.30 p.m. Repeated Saturday, March 10. (See page nine for details.)

10 SATURDAY

Lecture	Royal Canadian Institute. "Very High Speed Research in Canada". Dr. G. V. Bull, Professor of Engineering Science, McGill University. Convocation Hall. 8.15 p.m.
Reunion	55th Year Reunion of alumni of Devonshire House. Open House at Devonshire, 3.30–5.00 p.m. Buffet dinner, dance and conversazione at the Royal York Hotel, 6.45 p.m.

12 MONDAY

Colloquium	Department of Mathematics. "Multi-valued Homomorphisms". J. Leicht. Room 8, U.C. 4 p.m
Music	Organ Recital by Dr. Charles Peaker. Convocation Hall. 5 p.m.
Lectures	The Alexander Lectures. "Paradise Lost" by Miss Helen Gardner of St. Hilda's College, Oxford, March 12–15 inc. Hart House Theatre. 4.30 p.m.
	School of Graduate Studies and Department of Art and Archaeology. "Pre-Raphaelite Painting". Mr. John Woodward, Keeper of the Museum and Art Gallery of Birmingham, England. Room 2118, Sidney Smith Hall. 4.30 p.m.
	Archaeological Institute of American, Toronto Society, "Smyrna and Early Ionia". Prof. John M. Cook, University of Bristol, Norton Lecturer for the Institute. ROM Theatre. 4.30 p.m.

13 TUESDAY

Lecture	York University Invitation Lectures. "The Imaginative Mind in Art". Dr. Jacob Bronowski, Director-General, Process Development Department, The National Coal Board, London, England. Academic Building, York University. 8.30 p.m.

14 WEDNESDAY

Lecture	School of Social Work Series on "Approaches to Social Responsibility". "The Role of the Legal Profession". Dean C. A. Wright. Museum Theatre. 4 p.m.
Open House	Education Centre, Toronto Board of Education, 155 College St. Open House for all members of the University Staff and their wives or husbands. From 7.30 p.m.
Seminar	Computation Centre Seminars in Computing and Numerical Analysis. "Zeros of Polynomials and the Resulting Procedure". Dr. E. H. Bareiss, visiting scientist for Society for Industrial and Applied Mathematics. Room 101, McLennan Laboratory. 4 p.m.

15 THURSDAY

Colloquium	Departments of Astronomy and Physics Series on "Relativity and Cosmology". "Einstein's Views of Space and Time: Present Status and Future Prospects". Prof. J. A. Wheeler, Princeton University. Room 135, McLennan Laboratory. 3.55 p.m.
Music	Recital by The Canadian String Quartet. Conservatory Concert Hall. 8.15 p.m.
Lectures	York University Invitation Lectures. "The Imaginative Mind in Science". Dr. Jacob Bronowski, Academic Building, York University. 8.30 p.m.
	Royal Ontario Museum Jubilee Science Lecture Series. "Permafrost". Mr. Robert Legget, Director, Division of Building Research, National Research Council. Museum Theatre. 8.30 p.m.
	Royal Ontario Museum Series on "Evolutionary Palaeontology". "Origin of Mammals". Mr. C. S. Churcher. Room 64, ROM. 4.30 p.m.
	Academy of Medicine. Tenth Annual Marlow Lecture. "Frederick Marlow and the Development of the Modern Treatment of Cancer of the Cervix". Dr. W. G. Cosbie, Medical Director, Ontario Cancer Foundation and Consulting Gynaecologist and Obstetrician, Toronto General Hospital. Osler Hall. 8.30 p.m. Dinner at University Club. 6.30 p.m.
Seminar	Computation Centre Seminars in Computing and Numerical Analysis. "Non-linear Systems of Partial Differential Equations in Diffusion Kinetics". Dr. E. H. Bareiss. Room 101, McLennan Laboratory. 4 p.m.

16 FRIDAY

Meeting	Royal Astronomical Society of Canada—Toronto Centre. "Galileo—The Man and the Scientist". Dr. John F. Heard. Room 1035, Wallberg Building. 8 p.m.
Theatre	Yoni Kvietys Dance Program. Hart House Theatre. March 16 and 17. 8.30 p.m.

17 SATURDAY

Lecture	Royal Canadian Institute. "Portrait Photography—An Art or a Science". Dr. Yousuf Karsh, Ottawa photographer. Convocation Hall. 8.15 p.m.

19 MONDAY

Colloquium	Department of Mathematics. "Enumeration of Planar Maps". W. T. Tutte. Room 8, U.C. 4 p.m.

22 THURSDAY

Lectures	Royal Ontario Museum Jubilee Science Lecture Series. "Can Museums Advance Science?" Dr. W. E. Swinton. Museum Theatre, 8.30 p.m.
	Royal Ontario Museum Series on "Evolutionary Palaeontology". "Evolution of Man". Dr. W. E. Swinton. Room 64, ROM. 4.30 p.m.

24 SATURDAY

Lecture — Royal Canadian Institute. "A 30-Bev Proton Accelerator". Dr. J. P. Blewett, Brookhaven National Laboratory, Upton, Long Island, N.Y. Convocation Hall. 8.15 p.m.

26 MONDAY

Theatre — Regional Drama Festival of the Central Ontario Drama League. March 26–31 inc.

29 THURSDAY

Colloquium — Departments of Astronomy and Physics Series on "Relativity and Cosmology". "Relativity Effects on Motions within the Solar System". Dr. G. M. Clemence, U.S. Naval Observatory. Room 135, McLennan Laboratory. 3.55 p.m.

Lectures — Royal Ontario Museum Jubilee Science Lecture Series. "Animal Clocks and Compasses". Dr. John Carthy, Professor of Zoology, Queen Mary College, University of London, England. Museum Theatre. 8.30 p.m.

Royal Ontario Museum Series on "Evolutionary Palaeontology". "A Fossil Fauna". Mr. C. S. Churcher. Room 64, ROM. 4.30 p.m.

Lecture by Bishop Stephen Neill marking the centenary of the birth of Bishop Charles Brent, a graduate of Trinity College, who was one of the principal founders and leaders of the modern Oecumenical Movement. Trinity College. 8.30 p.m.

30 FRIDAY

Meeting — Royal Astronomical Society of Canada—Toronto Centre. "The Motions of Artificial Satellites". Dr. G. M. Clemence, Scientific Director, U.S. Naval Observatory, Washington. Room 1035, Wallberg Building. 8 p.m.

APRIL

5 THURSDAY

Lectures — Last of Royal Ontario Museum Jubilee Science Lecture Series. "The Moon and the Space Programs". Dr. Gerard P. Kuiper, Director, Lunar and Planetary Laboratory, University of Arizona. Museum Theatre. 8.30 p.m.

Royal Ontario Museum Series on "Evolutionary Palaeontology". "Extinction". Mr. R. R. H. Lemon. Room 64, ROM. 4.30 p.m.

10 TUESDAY

Lecture — Archaeological Institute of America, Toronto Society. "Excavations at Cape Gelidonya, Turkey: a Bronze Age Shipwreck". Dr. George F. Bass, University Museum, Philadelphia. ROM Theatre. 4.30 p.m.

11 WEDNESDAY

Open House	"Settlement Scene" at University Settlement House, 23 Grange Road, sponsored by Women's Auxiliary and Settlement groups. Arts and crafts exhibits, demonstrations of dancing, music, gymnastics, judo, swimming and other activities. Refreshments. Contributions in aid of Camp Boulderwood. 7 to 10 p.m.

12 THURSDAY

Seminar	Royal Ontario Museum Seminar covering the "Evolutionary Palaeontology" series. Room 64, ROM. 4.30 p.m.

13 FRIDAY

Meeting	Royal Astronomical Society of Canada—Toronto Centre. Members' Night. Room 1035, Wallberg Building. 8 p.m.

MAY

25 FRIDAY

Cornerstone Ceremony	His Royal Highness Prince Philip, Duke of Edinburgh, will lay the cornerstone of Massey College on Friday morning. (Time to be announced.)

Education Centre

All members of the University staff and their wives or husbands are invited by the chairman and members of the Toronto Board of Education to visit the new Education Centre, 155 College Street, on the evening of March 14.

The Centre is much more than an administrative headquarters: three of the seven floors are entirely devoted to matters bearing on the curriculum—a library, a research department, a science division, a music centre and so forth. Guided tours of the Centre will commence at 7.30 p.m., and refreshments will be served.

Exhibitions

"Search and Research"—exhibition to commemorate the fiftieth anniversary of the establishment of the Royal Ontario Museum, and designed to interpret for, and present to, the public the research endeavours of the Museum both in the field and in the laboratory. April 17 to Sept. 3.

"Flowing Highways of Early Canada: Rivers, Lakes and Seaboard as seen by Pioneer Artists". Canadiana Gallery. During March and April.

Exhibition of paintings by Robert Jackson, Alumni Hall, Victoria College. March 6 to 30.

THE STRATFORD SHAKESPEAREAN FESTIVAL

in association with

The University of Toronto
and The Canada Council

presents

TWO PROGRAMS OF SHAKESPEAREAN COMEDY

devised and staged by

Michael Langham

with

Eric Christmas, Leo Ciceri, Peter Donat,
Pat Galloway, Bruno Gerussi, Amelia Hall,
Michael Learned, William Needles, Douglas Rain
and Kate Reid

HART HOUSE THEATRE

Friday, March 9, and Saturday, March 10

Single admission covers the "planned rehearsal" at 4.30 p.m. and the performance in costume at 8.30 p.m. on the same day

Friday and Saturday programs are identical

Seats on sale at Hart House Theatre Box Office
at $4. (students $2.) from 10 a.m. to 6 p.m.

APPOINTMENTS

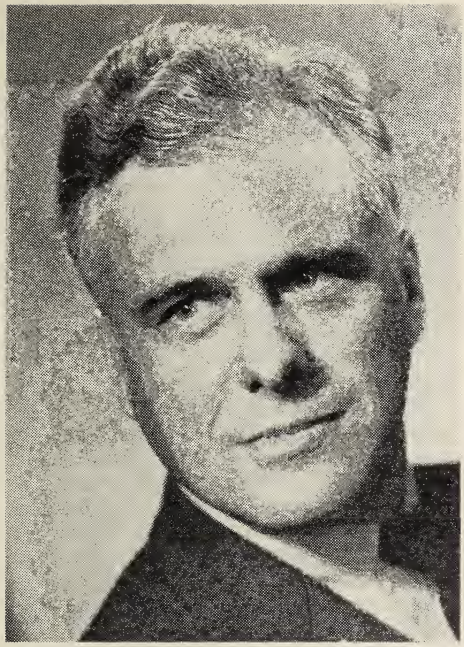
Prof. Irwin M. Hilliard, head of the Department of Medicine at the University of Saskatchewan, has been appointed professor in the Department of Medicine, Faculty of Medicine, from July first next. Dr. Hilliard's appointment as physician-in-chief to the Toronto Western Hospital has also been announced. He replaces Dr. W. Hurst Brown, who is relinquishing both posts and devoting full time to his consulting practice. Dr. Hilliard received his medical education at the University of Toronto. Following a year's study of parasitology and tropical diseases at West China Union University, he was physician-in-chief at the Canadian Mission Hospital in Fowling, Szechwan, China, from 1935 to 1945. He returned to Toronto and spent a year at the Toronto General Hospital and two years at the Toronto Western Hospital. From 1949 to 1954 he was on the medical staff here.

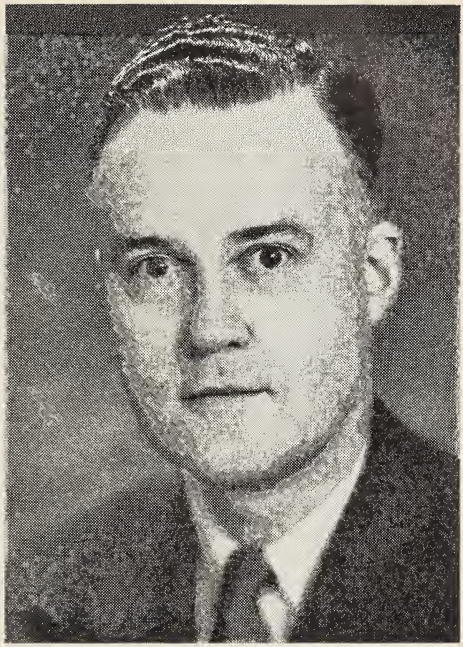
Dr. W. Harding le Riche will succeed Dr. Neil E. McKinnon as professor and head of the Department of Epidemiology and Biometrics in the School of Hygiene from July first. Dr. McKinnon is retiring after forty years in the Connaught Medical Research Laboratories and the School of Hygiene. He has played a major part in the training of hundreds of Health Officers for Canada and overseas countries. Dr. le Riche has been professor of Public Health here since 1957. He holds degrees of B.Sc. and M.D. from the University of Witwatersrand, and the M.P.H. degree from Harvard. He has had a wide experience in public health work, having served in the Government Health Department in South Africa, and in the Department of National Health and Welfare, Ottawa. From 1954 to 1957, Dr. le Riche was research medical officer with Physicians' Services Inc.

Dr. William Kilbourn has been appointed professor and chairman of the Humanities Division of York University. A graduate of the Universities of Toronto, Oxford and Harvard, Prof. Kilbourn was a teaching fellow at Harvard from 1953 to 1955. He is now on the Department of History staff at McMaster University. Prof. Kilbourn's book, "The Firebrand: William Lyon Mackenzie and the Rebellion in Upper Canada" won the University of British Columbia President's medal for biography in 1957. He is a member of the Canadian National Commission for UNESCO, the Board of Governors of Hillfield College, the Board of the Canadian Institute on Public Affairs, the Executive of the Anglican Church's General Board of Religious Education, and the Executive Committee of the Canadian Conference of the Arts.

Dr. James W. Smith has been appointed assistant professor of Chemical Engineering from July first next. Dr. Smith was educated at the University of British Columbia (B.A.Sc. and M.A.Sc.) and at Imperial College, London, where he received D.I.C. and Ph.D. degrees in 1960. He has won many awards, including an Athlone Fellowship, an N.R.C. Special Overseas Scholarship, and an N.R.C. Post-doctoral Fellowship (declined). Prof. Smith was with the Du Pont Company of Canada at Kingston from 1955 to 1957, and is on the University of British Columbia staff this year.

C. Clyde Batten has been appointed Chief Information Officer in the Royal Ontario Museum, replacing Duncan F. Cameron who resigned to join a marketing and opinion research organization. Mr. Batten has been with the Maclean-Hunter Publishing Company Limited. After editing the *Varsity* here, he was with Canadian Press for two years, then published an Ontario weekly newspaper.





WINNERS OF GOVERNOR-GENERAL'S LITERARY AWARDS

Professor Thomas A. Goudge, right, of the Department of Philosophy, and Professor Robert D. C. Finch, Department of French, University College, have both won Governor-General's Literary Awards for 1961, Professor Finch for his book *Acis in Oxford and Other Poems*, and Professor Goudge for *The Ascent of Life: A Philosophical Study of the Theory of Evolution.* The University of Toronto Press published both volumes. Professor Finch won the same award for 1946, for his *Poems.*

NOTES

Administration

President Bissell will give the keynote address, entitled "Education, the Great Universal", at the Canadian Conference on Education to be held in Montreal, March 4–8. Dr. Bissell will give a paper at the English Conference at the University of Rochester, March 16–17, and will also participate in a seminar.

Arts and Science

Dean Vincent Bladen spoke on "The University's Role in Business Education" at the Faculty Seminar, Second Conference on Higher Education on "Education for Business" at the University of Alberta, Jan. 19 and 20. Dean Bladen also participated in the public symposium.

Prof. C. D. Ellis addressed the Third Annual Convention of the Ontario Speech and Hearing Association on "Cultural Conditioning as a Factor in Speech Perception".

Prof. P. H. Brieger gave a lecture on "Poussin and the French Classical Tradition" in the National Gallery of Canada series in connection with the Heritage de France exhibition in Ottawa, on Jan. 16, and on "The Ghent Altarpiece" in the series "Masterworks and their Makers" at the College of Christ the King, London, Feb. 1.

Prof. H. A. Brooks attended the Board of Directors' meeting, Society of Architectural Historians, and the concurrent annual meeting in Boston, Jan. 25–27.

Prof. G. S. Vickers attended the Board of Directors' meeting, College Art Association, in Boston on Jan. 27.

Prof. A. G. Harrison has been awarded an Alfred P. Sloan Foundation Fellowship for two years.

Prof. Peter Yates gave an invited lecture on "Recent Work on the Chemistry of Aliphatic Diazo Compounds" at the Regional Meeting of the New York and North Jersey Sections, American Chemical Society on Jan. 22. He was also co-author of a paper on "The Structure of the Dihydroquinoline Dimers" read by Prof. Harmon Dunathan at the Delaware Valley Regional Meeting of the same society on Jan. 26.

Dow Corning Silicones Limited has established an annual fellowship to be known as the "Dow Corning Silicones Fellowship in Organosilicon Chemistry". First recipient will be Mr. W. W. Limburg who is pursuing his studies for the Ph.D. degree under the direction of Prof. A. G. Brook.

Recent speakers in Department of Chemistry colloquium series have been: Dr. R. G. Barrados, Royal Military College of Canada on "Electrochemical Adsorption of Organic Bases and Their Conjugate Ions at Mercury"; Dr. F. Kaufman, Interior Ballistics Laboratory, Aberdeen Proving Ground, on "Lifetime and Reactions of OH Radicals in Flow Discharges"; Prof. Howard W. Post, University of Buffalo, on "Polysiloxanes Containing Aluminum and Titanium"; and Prof. J. C. Polanyi, on "Infrared Chemiluminescence and Energy Distribution in Chemical Reactions."

Prof. K. Levy has been named chairman of the Advisory and Nominating Committee of Spanish 6 in the Modern Language Association of America.

Prof. H. S. M. Coxeter has been elected first vice-president, Mathematical Association of America. He gave an invited address at the association's meeting in Cincinnati on Jan. 26 on "Axiomatic Geometry for Undergraduates", and one on Feb. 14 on "Geometry for High School Students" in Cleveland to the Educational Research Council of Greater Cleveland.

Prof. James Eayrs, at the invitation of the Social Science Division of the Rockefeller Foundation, is touring East Africa, delivering lectures on International Affairs to Makerere College in Uganda, the Royal College in Kenya and the University College of Tanganyika, in Dar Es Salaam.

Prof. Oswald Hall addressed the Ottawa Chapter of the Canadian Political Science Association on "The Impact of Technological Change on Social Institutions" on Feb. 8. He attended the initial meeting of the Institute of Social Research at Memorial University, St. John's, Nfld. on Feb. 10.

Prof. J. H. Dales addressed the Educational Conference of the Ontario Federation of Labour on "Canada in the World Economy" on Feb. 17.

Dean H. I. Macdonald gave a lecture at the R.C.A.F. Staff College, Feb. 26 on the subject "Canada and the European Common Market".

Prof. D. O. Hebb was visiting professor in the Department of Psychology for one month from Jan. 15. He spoke to the Psychology Colloquium on Jan. 31 on "Analogy, Logic and Creativity", and participated in the conversation hour held by the Ontario Psychological Association Feb. 9 and 10.

Prof. Daniel E. Berlyne who came from Boston University to the Department of Psychology in February, gave the luncheon address at the Ontario Psychological Association annual meeting. The title was "Some Recent Developments in Russian Psychology".

Prof. E. G. Boring, professor emeritus in psychology at Harvard University, spoke to an open meeting in psychology on Jan. 22 on "How Behavioural Science Came About". He also addressed the Psychology Colloquium on Jan. 23. His title was "On the History of Thought".

Prof. M. F. Grapko presented a paper at a joint meeting of the 55th Annual Teachers' Convention and the Pediatric Institute in Winnipeg on Feb. 15 and 16. He also acted as panel member on two panels dealing with "The Impact of Environmental Deprivation on the Nursery School Child" and "Nursery Schools and Kindergartens—Whither bound".

Prof. Mary Laurence spoke to the Management and Personnel Workers at McMaster University on Feb. 14, on "The Meaning of Work".

Prof. R. H. Walters read two papers, of which he was the co-author, at the Ontario Psychological Association annual meeting at Toronto. The titles were "The Effects of Schedules of Reinforcement on the Aggressive (hitting) Responses of Institutionalized and Non-institutionalized Children" and "Enhancement of Punitive Behaviour by Audio Visual Displays". He was co-author of two other papers at the meeting: "Perceptual and Cognitive Functioning of Retarded Readers" and "Symbolic Learning in Retarded Readers".

A symposium entitled "Effects of Intermolecular Forces on Intramolecular Properties" was held on Jan. 18–20 under the auspices of the Departments of Physics and Chemistry. Of the fifty scientists in attendance seventeen were from the United States, the United Kingdom, France, the Netherlands and Israel.

Prof. K. G. McNeill presented a paper on "Measurements with Low Levels of Radiation" to the Royal College of Physicians and Surgeons in Toronto, Jan. 19. He also gave a seminar at Queen's University on Feb. 20 entitled "The Photodisintegration of Medium Weight Nuclei".

Dr. H. S. Caplan presented a paper on "The Spins and Parities of the 1.35 Mev and 1.46 Mev Levels in F^{19}" at the New York Meeting of the American Physical Society in January. The paper was co-authored by J. D. Prentice, N. W. Gebbie and N. R. Steenberg. Prof. Steenberg also presented a paper on "Absorption of 24 Bev-Protons by Nuclei".

At a meeting of the Association of Physics Teachers in New York in January, a film "Random Events" prepared by Profs. Hume and Ivey for the Physical Science Study Committee was given its first showing.

Prof. J. T. Wilson returned in February from a round-the-world-trip. In India he was advising the Government on the formation of a Geophysical Institute and was also Canadian delegate to the Indian Science Congress in Cuttack.

Prof. F. S. Grant has returned from a three month stay at the University of Alexandria, Egypt where he was Visiting Professor.

Prof. Donald S. Ainslie has been awarded the Distinguished Service Citation by the American Association of Physics Teachers, at their 31st annual meeting in New York City, Jan. 27, in recognition of his "many contributions which have so significantly enhanced the Association's stature and reputation".

Dr. Otto Kinne will be on the summer staff at the Marine Biological Laboratory, Woods Hole, Mass. from June to September. He will instruct advanced students in marine ecology and conduct research in marine physiology. He will also address the Symposium on Evolution of Crustacea to be held in March at Harvard University.

Dr. Thomas Parsons will be director of the Summer Institute in Comparative Anatomy being held at the Harvard Summer School next summer in co-operation with the American Society of Zoologists.

University College

Prof. G. P. Goold gave a lecture on "The Knossos Affair" at McMaster University on Jan. 24, and another to the Orientals Club of Toronto on Feb. 6 on "The Problem of the Cretan Linear A Script".

Prof. W. J. N. Rudd lectured on Jan. 24 to the Hamilton Classics Club on "Approaches to Latin Lyric", and on Feb. 6 at the University of Western Ontario on "Horace".

Victoria College

Principal Northrop Frye has been appointed chairman of the Governor-General's Committee for Awards in Canadian writing, succeeding M. Guy Sylvestre, of the Library of Parliament in Ottawa.

Prof. Peter Buitenhuis gave a public lecture on Jan. 10 on "Henry James and the Ivory Tower".

Prof. F. D. Hoeniger attended the meetings of the Modern Language Association in Chicago Dec. 27–29, and gave a paper on "Irony and Romance in Shakespeare's Cymbeline". He also attended, as delegate of the North-Central section, the annual meeting of the Council of the Renaissance Society of America in New York on Jan. 27.

Prof. C. E. Rathe gave a public lecture on Jan. 17 on "Gauloiserie and Humanism".

Prof. W. O. Fennell gave a public lecture on Jan. 24 on "Dietrich Bonhoeffer: The Man of Faith in a World Come of Age".

Trinity College

Profs. D. J. Conacher and J. A. Philip attended the Conference of the American Philological Association held in Detroit on Dec. 28–30. Dr. Conacher delivered a paper on "A Problem in Euripides' Hippolytus" and Dr. Philip one entitled "Mimesis in the Sophistes of Plato".

Prof. D. G. Charlton attended the joint meeting of the Department of Romance Languages Association at McMaster University and the Hamilton Branch of the Humanities Association on Dec. 19 and delivered a lecture on "Nineteenth Century French Thought". He also attended the annual conference of the Modern Language Association in Chicago in December and read a paper on "Victor Cousin and French Romanticism".

The Rev. Provost D. R. G. Owen read a paper entitled "The Presuppositions of the Idea of a University" at a conference sponsored by NFCUS and the SCM at Queen's University on Jan. 20. He also read a paper on "Social Control of the Mind" at a conference sponsored by the Saskatchewan Council of Public Affairs in Regina on Feb. 10.

The Rev. Prof. Eugene R. Fairweather is co-author with Prof. Edward R. Hardy, Berkeley Divinity School, of a book "The Voice of the Church: The Ecumenical Council" to be published shortly by The Seabury Press.

York University

President Murray Ross spoke on "New Dimensions in Higher Education" at the annual meeting of the Royal College of Physicians and Surgeons on Jan. 20.

Knox College

Prof. J. S. Glen attended meetings of the North American section of the World Presbyterian Alliance in Atlantic City on Jan. 15–18.

Prof. D. V. Wade attended the conference on Christian Higher Education in Asia on Jan. 24–25 in New York City. He also attended the annual meeting of the American Association of Christian Social Ethics in Louisville, Ky., on Jan. 26–27, and delivered a paper entitled "The Revival of Natural Law in Contemporary Protestant Ethics".

Medicine

Dr. J. F. Mustard presented a paper at the International Seminar on Arteriosclerosis, held in Bombay, India, Feb. 3–5, and sponsored by the Indian Medical Association and the Indian Armed Services. Dr. Mustard is also visiting the Medical College of Georgia in the United States, and will take part in a panel discussion on "The Role of Platelets in Coagulation and Thrombosis", Feb. 28–March 3.

Prof. P. E. Ireland was guest lecturer at the Postgraduate Course sponsored by the University of Tennessee and South Western Surgical Association in Memphis, Feb. 10–12. He presented three papers on the specialty of otolaryngology and was guest speaker at the annual dinner.

A refresher course in Eye Surgery will be held in the Faculty, April 9–11, with lectures, operative sessions and a symposium on glaucoma surgery. Dr. Arthur Gerard DeVoe, Institute of Ophthalmology, New York, and Mr. P. D. Trevor-Roper, Westminster Hospital, London, England, will be guest surgeons. The Department of Ophthalmology staff will contribute extensively. On April 7 there will be a departmental research meeting when Dr. Endre A. Balazs, The Retina Foundation, Boston, will be guest speaker.

Dr. C. L. Ash delivered the Richards Memorial Lecture in Winnipeg on Jan. 24.

Prof. A. G. Gornall lectured at Hôpital Notre-Dame in Montreal, on Dec. 19 on the subject, "Some Studies of the Hormone Aldosterone". He was also visiting lecturer in a series "Current Topics in Chemical Pathology" at the University of Western Ontario, where he spoke on "The Clinical Significance of the Hormone Aldosterone on Jan. 25.

Dr. E. Harry Botterell has been appointed Dean of the Faculty of Medicine at Queen's University, beginning July 1.

Dr. Charles H. Best attended the Ninth Annual Symposium Day conducted by the Clinical Society of the New York Diabetes Association on Dec. 1, and gave the keynote address on "History of Insulin". Dr. Best was guest of honour at the NYDA Ball held at the Hotel Pierre the same evening to commemorate the 40th year of the discovery of Insulin, the 30th anniversary of the Association, and the 25th year of Camp NYDA for diabetic children. Dr. Best was presented with a bust of himself, the work of Mrs. Ruth Lowe Bookman of New York, at the banquet held in his honour. The Dallas Diabetes Association also honoured Dr. Best, when they gave him a special award on Jan. 24. He has recently been elected a Foreign Member of The Royal Swedish Academy of Science, and elected a Knight of Mark Twain. Dr. Best has been invited to give the W. E. Dixon Memorial Lecture in Therapeutics and Pharmacology of The Royal Society of Medicine for 1962.

Law

Dean Cecil A. Wright and Profs. R. St. J. Macdonald, J. B. Milner and J. Willis attended the Mid-Winter meeting of the Ontario Section of the Canadian Bar Association held in Ottawa on Feb. 2–3. Prof. Willis was a member of a panel on administrative law; Dean Wright was a member of a panel made up of the Deans

of the Ontario law schools who reported to the profession on the current state of legal education in the province. Prof. Milner was chairman of the panel and is chairman of the Ontario Sub-Section on Legal Education and Training.

The Faculty of Law was host to a meeting of the Committee on Town Planning Law of the Association of Canadian Law Teachers on Feb. 9–10. The committee comprises all Town Planning Law teachers in Canada and they discussed both substantive and educational matters. Prof. Milner was chairman of the Committee and Prof. A. J. Dakin of the Division of Town and Regional Planning also participated.

Applied Science and Engineering

Prof. M. W. Huggins attended the Conference on Engineering Education for International Competition at Worcester Polytechnic Institute, Feb. 1–2.

The book on Analysis of Multi-story Frames by Dr. G. Kani, which appeared originally in German has now been translated into English, French, Portuguese, Russian, Spanish and Turkish. Numerous references to the "Kani Method" have appeared in the technical press in many countries including the U.K., U.S.A. and the U.S.S.R.

Prof. W. A. M. Hewer gave an illustrated lecture to the Sudbury Chapter of the E.I.C. entitled "Colombo Plan Operations in Pakistan" on Dec. 7.

Dr. G. Ross Lord attended the American Society for Engineering Education Conference at Worcester, Mass., on Feb. 1–2.

Dr. W. D. Baines attended a seminar on "Wind Loads on Buildings", at N.R.C. Ottawa, on Jan. 19.

Mr. D. L. Allen presented a paper entitled "Photoeslastic Analysis of Compound Beams" and Mr. C. H. Miller presented one on "Magnetoplasmadynamics" to the Halifax-Dartmouth Branch of the Canadian Aeronautical and Space Institute on Feb. 26.

Dr. A. Porter attended a lecture on "The Evolution of Automation" at a joint meeting of McMaster Engineering Society and the Hamilton Section of the E.I.C. at McMaster on Jan. 18.

Prof. R. W. Missen and Dr. V. V. Mirkovich have been awarded the prize for the best presentation of a paper at the annual conference of the Chemical Engineering Division of the C.I.C. held last November.

Prof. W. H. Rapson attended the annual meeting, Technical Section, Canadian Pulp and Paper Association, in Montreal, Jan. 23–26. With Mr. F. Lenzi he contributed a paper entitled "Further Studies on the Mechanism of Formation of Chlorine Dioxide".

Prof. I. H. Spinner and Prof. Rapson presented a paper on "The Causes of Colour Reversion in Paper" at the annual meeting, Technical Association of the Pulp and Paper Industry, in New York, Feb. 19–22.

Prof. S. Sandler was chairman and panel moderator of the Second Toronto Symposium on Gas Chromatography sponsored by the Toronto Section of the C.I.C. This was held on Feb. 5 at the Seaway Hotel and was attended by 160 scientists from Canada and the U.S.

Prof. G. Sinclair attended a meeting at the National Bureau of Standards, Boulder, Colo., for the purpose of planning the technical sessions of the U.R.S.I. Symposium on Electromagnetic Theory to be held in Copenhagen in June.

Profs. P. P. Biringer, W. Janischewskyj, J. E. Reid, G. R. Slemon and V. G. Smith attended the Winter General Meeting of the American Institute of Electrical Engineers in New York. Prof. Slemon presented a paper: "Equivalent Circuits for Cylindrical-Rotor, Reluctance and Salient-Rotor Synchronous Machines"; he also visited the research laboratories of the Bell Telephone Co. at Murray Hill and the Department of Electrical Engineering at Yale University. Mr. W. Janischewskyj visited High Voltage Engineering Inc., in Boston.

Prof. W. C. Winegard gave a lecture in Toledo, Ohio, to the American Society for Metals on "The Structure of Grain Boundaries", on Feb. 8.

Prof. G. B. Craig is now chapter chairman of the Kingsway Chapter of the Association of Professional Engineers.

Dr. I. I. Glass visited the Office of Naval Research, Washington, and the Naval Ordnance Laboratory, White Oak, Maryland, on Jan. 29–31, to discuss current research in hypersonic flow, hypervelocity launchers and shock wave phenomena. He also visited McGill University on Feb. 5, for discussions on hypervelocity research facilities.

Prof. B. Etkin attended the annual meeting, Institute of Aerospace Sciences, New York, from Jan. 22–24, where he gave a paper entitled "On a Relatively Cool Transi-

tion from a Satellite Orbit to an Equilibrium Glide". On Jan. 29 and 30 he attended a meeting in Ottawa of the NRC Associate Committee on Aerodynamics, of which he is chairman.

Dr. J. H. de Leeuw visited Cook Research Laboratories in Morton Grove, Illinois, to discuss the instrumentation of re-entering hypersonic vehicles, on Jan. 26. He also visited McGill University for discussions on hypervelocity research facilities on Feb. 5.

Architecture

Prof. Michael Hugo-Brunt was a delegate to "Resources for Tomorrow Conference" in Montreal, Oct. 23–28. He lectured on "Portuguese Maritime Settlements" to the Ottawa Chapter, Town Planning Institute of Canada on Feb. 6, and will speak on "Maritime Settlements" to the Architectural Conservancy, Ontario College of Art on March 21.

Prof. J. H. Acland gave an address at the Toronto Art Gallery on Jan. 31 on "The Baroque, a Revolution in Stone" as part of the "Héritage de France" series. He presented briefs on "Transportation Needs in Greater Toronto" to the Coordinating Committee of Toronto Ratepayers' Association, Metro Ratepayers' Transportation Committee, and Metro Council, during December and January.

Prof. R. Whiteley attended the Banff Session '62 held at the Banff School of Fine Arts from Jan. 28 to Feb. 2.

At the annual convention of the Ontario Association of Architects held in February, the following staff members participated in the seminars: Dr. Thomas Howarth as advisor on "Architectural Education"; Dr. E. R. Arthur as chairman on "Formalism in Design"; Prof. James A. Murray as discussion leader on "Design Control"; and Prof. W. G. Raymore on "Management: Office and Field".

Nursing

Prof. Helen Carpenter has been asked to serve for a five-year period as a member of the WHO Expert Advisory Panel on Nursing.

Prof. M. Jean Wilson will present a paper at the annual meeting of the Canadian Conference of University Schools of Nursing to be held at McMaster University in June.

Miss Dorothy Dix attended the Mental Health Services Institute of the Canadian Psychiatric Association in Ottawa.

Music

Some of Prof. Oskar Morawetz' compositions which have been performed recently are: *Carnival Overture*, by the Toronto Symphony Orchestra, Jan. 16, Sir Ernest MacMillan conducting; *Dirge* (dedicated to the memory of Elie Spivak), by the Toronto Symphony, Jan. 30, under the baton of Walter Susskind; *Second String Quartet* by the Canadian String Quartet, Feb. 15, at the Royal Conservatory of Music; *Fantasy and Toccata*, by the pianist Anthony Kuerti at Town Hall, New York, Feb. 22.

Prof. Ezra Schabas has been appointed editor of the *Canadian Music Educator*, the official journal of the Canadian Music Education Association, succeeding the late Dr. Leslie Bell.

Education

Prof. Willard Brehaut attended the annual meeting of the American Educational Research Association in Atlantic City, on Feb. 19–22. He reported on promotion of educational research in Canada to an open meeting of the AERA Committee on Research Promotion, and presented a paper on "The Atkinson and Carnegie Studies of Student Talent in Ontario", to the AERA session on "Recognition of Pupil Talent".

Prof. George E. Flower addressed the Edmonton Convention of the Alberta Teachers' Association Feb. 9 on "Organization of Secondary School Programs in large Urban Centres". He spoke to the National Council of Jewish Women Feb. 16 on "Schools in a Changing Society".

Prof. H. M. Fowler gave a talk to one hundred primary teachers and principals of the southern section of Etobicoke Township (Castlebar School) on Feb. 15, on the topic "Criteria for Good Teacher-Made Tests in the Primary Grades".

Prof. C. C. Pitt has just completed a series of lectures on "Emotional Problems" to blind teachers and field secretaries at the Canadian National Institute for the Blind. In March he will speak to the same group on "Some Psychological Aspects of Blindness". Dr. Pitt also recently addressed the East York Teachers In Service Program on "Intra-Class Grouping for Instruction" and "Exceptional Children in the Regular Classroom"; and was interviewed on television station CKSO, Sudbury, on "The Ungraded Primary School".

Prof. E. Brock Rideout gave the key-

note address to the annual conference of the Ontario Association of School Business Officials at Niagara Falls on Jan. 15. His subject was "The Economics of Education". He will also attend the Canadian Conference on Education at Montreal, March 4–8.

Prof. G. E. Tait addressed the public health staff of Scarborough Township on the topic, "The Improvement of Instruction", on Feb. 12.

Pharmacy

Prof. H. J. Fuller addressed the Oakville-Trafalgar Pharmaceutical Association on the subject "Prescription Pricing" on Feb. 14.

Prof. R. M. Baxter addressed the first Animal and Plant Health Seminar, conducted by the Ontario College of Pharmacy and the Ontario Veterinary Association, on "The Significance of Chemical Structure to Antibiotic Activity". The seminar was held in Brighton on Feb. 21. Dean F. N. Hughes and Prof. D. R. Kennedy also participated.

Forestry

Prof. D. V. Love attended the annual meeting of the Ontario Chapter, Soil Conservation Society of America, held at Guelph, Jan. 4. He was a member of a panel discussion reporting on the recently held "Resources for Tomorrow Conference".

Profs. R. C. Hosie and D. V. Love attended annual meeting of the Ontario Professional Foresters Association held in Port Arthur on Feb. 19. Prof. Love participated in a panel discussion on the topic "Resources for Tomorrow".

Business

Prof. T. C. Graham moderated a discussion group for the Southern Ontario Chapter of American Institute of Industrial Engineers on the subject, "The Application of Work Measurement", on Jan. 31.

Prof. M. S. Moyer addressed the Seminar on "Organization and Administration" of the Hydro Electric Power Commission of Ontario on the subject of "Organization Theory", on Jan. 31, Feb. 7, 14 and 21.

Prof. J. V. Poapst was the leader of a discussion group on the subject of "Leasehold Financing" at the annual general meeting of the Urban Development Institute (Ontario Division).

Prof. J. C. Sawatsky addressed the Social Science Club of Toronto on the subject of "The Ethnic Community" on Jan. 4 and was guest speaker at a meeting of the Harvard University Business School Alumni in Toronto on Jan. 30. He also conducted a panel discussion at the annual meeting of the Ontario Psychological Association in Toronto on Feb. 9 on "The Role and Function of the Consulting Psychologist in the Community" and conducted seminar discussions at the Arts of Management Conference sponsored by the Toronto Business and Professional Women's Club at the Guild Inn on Feb. 14. Prof. Sawatsky was recently elected to the Board of Governors of Conrad Grebel College affiliated with the University of Waterloo.

Prof. J. A. Sawyer attended the Conference on Research in Income and Wealth at the University of North Carolina, Feb. 2–3. The Conference, sponsored by the National Bureau of Economic Research, was devoted to "Models of Income Determination".

Physical and Health Education

Mr. Jack R. Kennedy has been appointed Director of Athletics and Associate Professor at Loyola College, Montreal, from August 1.

Miss Ivy Baxter received an M.B.E. in the Queen's New Year's Honours List, in Jamaica, "For Services to Art". Her citation reads, in part, "Miss Baxter was solely responsible for the birth of the Jamaican type of ballet and through her enthusiasm and inspiration, ballet has become a regular part of Jamaican life. . . She has directed the dance group at the Caribbean Festival of the Arts in Puerto Rico, dances for the Coronation Tatoo, and the dancing section of entertainment for the visit to Jamaica of Queen Elizabeth in 1953 and the Jamaica dance presentation at the opening of the Federal Parliament in Trinidad in 1958". Miss Baxter has been head of the Dance section, Department of Physical Education—Women since 1960.

Royal Ontario Museum

On Feb. 16, Dr. W. E. Swinton addressed the members of Allentown Art Museum, Pennsylvania on "Museums or Mausoleums?"

Drs. W. B. Scott and E. J. Crossman attended meetings of the Technical session of the Advisory Committee on Fisheries and

Wildlife Research of the Ontario Research Foundation at McMaster University on Feb. 24. Dr. Crossman presented a paper entitled "A Review of the fish family *Esocidae*".

The Department of Ornithology has recently acquired the important Lumsden collection of waterfowl totalling more than 600 specimens of 91 species of world forms. In addition to a genus and several species new to the museum's collection there are three holotypes.

The gallery of Invertebrate Palaeontology, second floor, south wing, will be reopened about March 1. Future plans call for the installation of fluorescent lighting in all display cases and a new design program for the case interiors. It is hoped that this work will be started this spring and substantially completed by the end of 1962. In the meantime it will not interfere with public access to the gallery.

During February three members of the Display Department of Life Sciences, under the leadership of T. M. Shortt, visited the Everglades in Florida and studied the ecology of the American alligator and made collections of both flora and fauna for new gallery displays in the museum as well as taking a large series of color photographs.

Mr. Henry Trubner, Mrs. Barbara Stephen and Miss Hsio-Yen Shih hope to attend the annual meeting of the American Oriental Society and Association of Asian Studies in Boston, April 2–4.

Miss Hsio-Yen Shih has accepted an invitation to give the opening address on "The Cultural Heritage of China" in the seminar "China and India" on April 28, at the Toronto Branch of the Canadian Institute of International Affairs.

Dr. George I. Quimby of the Chicago Natural History Museum spent a week with the Department of Ethnology examining collections of Indian pottery from Huronia.

Mr. Walter Kenyon spent several days in Owen Sound where he delivered a lecture to the Grey County Historical Society and assisted them with the archaeological collections. He also spoke on archaeology to the staff and patients at Baycrest Hospital.

The Press

The following have been published by the Press since the February issue of the *Bulletin*:

Canadian Slavonic Papers V. Edited by G. S. N. Luckyj. $4.50

Transactions of the American Ophthalmological Society, 1961. Volume LIX. Edited by M. Elliott Randolph. $12.50

Canadian Political Science Association, Conference on Statistics, 1960: Papers. Edited by E. F. Beach and J. C. Weldon. $6.00

Canadian Population and Northern Colonization: La Population canadienne et la colonisation du Grand Nord. Royal Society of Canada "Studia Varia" Series, No. 7. Edited by V. W. Bladen. $4.50

Tradition in Exile: A Comparative Study of Social Influences on the Development of Australian and Canadian Poetry in the Nineteenth Century. By John Matthews. $5.00

Canadian Journal of Theology. Volume VIII, No. 1: January, 1962

Canadian Journal of Economics and Political Science. Volume XXVIII, No. 1: February, 1962

Phoenix. Volume XV, No. 4: Winter, 1961

Other Books

A History of the Roman People, by F. M. Heichelheim and Cedric Yeo. (Prentice-Hall, Englewood Cliffs, N.J., U.S.A.) $7.95

The Development of Women's Athletics at The University of Toronto—Sixty years of Women's Athletics in review; Intercollegiate and Intramural Activities and Winning teams. By A. E. Marie Parkes, secretary-treasurer, Women's Athletic Association, 1922–1959. (Printed by University of Toronto Press.) $1.50

Modular Drafting Manual, A Guide to the Application of Modular Coordination in Design, handbook prepared by S. R. Kent, published by National Research Council

An Evaluation of the Brown-Holtzman Survey of Study Habits and Attitudes for Use in Ontario. Supplementary Report #3, Atkinson Study of Utilization of Student Resources. Department of Educational Research, University of Toronto, 1962

House Exchange

H. D. Sutherland, who plans to come here next year to attend the School of Business, has a three-bedroom bungalow in Winnipeg or Saskatoon, furnished if desired, for rent in exchange for house in Toronto for the academic year 1962–63. His address is 634 Hoskin Avenue, Winnipeg 15.

OCTOBER COPY

This is the last issue of the *Staff Bulletin* for the current academic session. Copy for the October issue must reach the Department of Information, Room 226, Simcoe Hall, by Sept. 18. The editor regrets that she cannot use material received after the deadline.